

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 202 – MEDICAL SURGICAL NURSING – I (ESSAY)**

Monday, June 13, 2016

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions and give illustrations wherever necessary.**

1. Write short notes for the following: .

- 1A. Medical management of pulmonary embolism
- 1B. Age related body system changes (Any five systems)
- 1C. Causes of hepatic cirrhosis
- 1D. Complications of Hemodialysis
- 1E. Diabetic ketoacidosis
- 1F. Causes and treatment of alopecia
- 1G. Prevention of accidents and hazards in operation theatre

(5 marks × 7 = 35 marks)

2. Mr. Somappa, 55 year old, admitted to the Emergency ward with complaints of headache, fatigue and dizziness and on examination blood pressure was 190/110 mm of Hg. Considering the situation answer the following:

- 2A. List the risk factors of hypertension
- 2B. Explain the four regulatory mechanisms of blood pressure
- 2C. Pharmacological management of hypertension

(2+6+5 = 13 marks)

3. Mr. Vishwa, 54 years old, admitted with the complaints pain and warmth in the thigh, fever, night sweats. He is diagnosed to have osteomyelitis. Answer the following:

- 3A. Meaning of osteomyelitis
- 3B. Pathophysiology of osteomyelitis
- 3C. Write a nursing care plan for Mr. Vishwa based on two prioritized health problem

(2+5+5 = 12 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 206 – COMMUNICATION AND EDUCATIONAL TECHNOLOGY (ESSAY)**

Thursday, June 16, 2016

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ Answer ALL the questions:

- 1A. List the objectives of micro teaching method.
- 1B. Explain the micro teaching cycle.
- 1C. Write the advantages and limitations of micro teaching.

(3+4+6 = 13 marks)

- 2A. Aims of Information, Education and Communication (IEC)
- 2B. Methods and Media for communicating health messages
- 2C. Advantages and Disadvantages of individual health education

(2+5+5 = 12 marks)

3. Write short notes on:

- 3A. Barriers of interpersonal relationship
- 3B. Group task roles
- 3C. Need of guidance and counseling in nursing
- 3D. Maxims of teaching
- 3E. Values of simulation in nursing
- 3F. Uses of posters
- 3G. Criteria for selection of assessment technique

(5 marks × 7 = 35 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 204 – PHARMACOLOGY, PATHOLOGY AND GENETICS (ESSAY)**

Monday, June 20, 2016

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

✍ Answer Section 'A' and Section 'B' in TWO separate answer books.**SECTION 'A': PHARMACOLOGY (23 MARKS)****1. Answer the following:**

- 1A. Mention two groups of semisynthetic penicillins with one example for each group. Mention one indication and one adverse effect of any one.
- 1B. Enumerate drugs used in bronchial asthma. Mention two adverse effects of any one.
- 1C. Mention one iron preparation each administered by oral and parenteral route. Briefly explain the treatment of acute iron poisoning.

(3 marks × 3 = 9 marks)

2. Answer the following:

- 2A. Mention two advantages and two disadvantages of oral route of administration.
- 2B. Enumerate the drugs used in the treatment of peptic ulcer.
- 2C. Mention two uses and two adverse effects of peripherally acting muscle relaxants.
- 2D. Write briefly on any one urinary antiseptic.
- 2E. Mention two drugs each used in the treatment of rheumatoid arthritis and gout.
- 2F. Enumerate two groups of drugs used in hypertension with one example for each group.
- 2G. Classify insulins.

(2 marks × 7 = 14 marks)

SECTION 'B': PATHOLOGY & GENETICS (22 MARKS)**1. Write short notes on:**

- 1A. Extra cardiac lesions of rheumatic heart disease.
- 1B. Pathogenesis of typhoid fever
- 1C. Types of necrosis
- 1D. Steps involved in genetic counselling
- 1E. Meaning of inborn error of metabolism

(2 marks × 5 = 10 marks)

2. **Write short notes on:**

- 2A. Mechanism of reversible cell injury
- 2B. Pathogenesis of pneumonia
- 2C. Stages of bone healing
- 2D. Klinefelter syndrome

(3 marks × 4 = 12 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016****SUBJECT: BSN 201 – SOCIOLOGY (ESSAY)**

Wednesday, June 22, 2016

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL questions.**

1. Answer the following in relation to 'Family':

1A. Definition

1B. Primary functions

1C. Secondary functions

(2+6+4 = 12 marks)

2A. Enumerate the factors contributing to substance abuse.

2B. Explain the ill effects of substance abuse to health.

2C. Describe the measures to control and eradicate substance abuse.

(3+4+6 = 13 marks)

3. **Write short notes on the following:**

3A. Functions of community

3B. Elements of social organization

3C. Health facilities available in the rural areas

3D. Major reasons for Slums

3E. Difference between caste and class

3F. Positive checks of controlling population

3G. Areas of competition

(5 marks × 7 = 35 marks)



MANIPAL UNIVERSITY

SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2016

SUBJECT: BSN 205 – COMMUNITY HEALTH NURSING – I (ESSAY)

Friday, June 24, 2016

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

- ✍ **Answer ALL questions. Illustrate answers wherever applicable.**
- ✍ **Draw diagrams, tables or flow charts wherever applicable.**

1. Explain the following in relation to Noise pollution
 - 1A. Sources
 - 1B. Effects of noise on health
 - 1C. Control of noise pollution

(2+5+5 = 12 marks)

2. Community health team visited an area where construction people are living. It is reported that, many people get malaria every year from the same area. It is observed that, poor living condition, water stagnation around the house, house hold waste dumped near the houses, no doors for the windows of their house and decided to conduct awareness programme on malaria control. In relation to this context answer the following:
 - 2A. Epidemiological triad
 - 2B. Life cycle of malaria parasite
 - 2C. Control measures

(3+4+6 = 13 marks)

3. **Write short notes on the following:**
 - 3A. Customs and taboos as determinants of health
 - 3B. Cold chain
 - 3C. Prevention and complications of mumps
 - 3D. Assessment of obesity
 - 3E. Sources of demography
 - 3F. Consequences of overpopulation
 - 3G. Types of female sterilization

(5 marks × 7 = 35 marks)

